

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A lighting system provided with a light-emitting panel comprising a front wall, a rear wall situated opposite thereto and an edge between the front wall and the rear wall, at least one light source comprising a light-emitting diode provided with a translucent lens-shaped cover, at least one light input structure for coupling light from the light source into the edge of the light-emitting panel, wherein, during operation, light originating from the light source is incident on the light input structure and distributes itself in the light-emitting panel, the light input structure is conically or frustoconically shaped towards the light source, and the thickness d_p of the light-emitting panel is smaller than the diameter d_c of the translucent lens-shaped cover of the light source.
2. (Original) A lighting system as claimed in claim 1, wherein the light input structure is of prismatic or pyramidal shape.
3. (Original) A lighting system as claimed in claim 1, wherein the light input structure is an integral part of the light-emitting panel.
4. (Currently Amended) A lighting system as claimed in claim 1 provided with a light-emitting panel comprising a front wall, a rear wall situated opposite thereto, at least one light source comprising a light-emitting diode provided with a translucent lens-shaped cover, at least one light input structure for coupling light from the light source into the light-emitting panel, wherein, during operation, light originating from the light source is incident on the light input structure and distributes itself in the light-emitting panel, the light input structure is conically or frustoconically shaped towards the light source, and the thickness d_p of the light-emitting panel is smaller than the diameter d_c of the translucent lens-shaped cover of the light source, wherein light-guidance means are provided in the vicinity of the light source and the light-emitting panel so as to encompass the light input structure, said light-guidance means guiding the light originating from the light source towards the light input structure.

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5. (Original) A lighting system as claimed in claim 4, wherein a surface of the light-guidance means facing the light input structure is reflective or provided with a reflective material.
6. (Original) A lighting system as claimed in claim 4, wherein the light-guidance means are elliptically shaped.
7. (Original) A lighting system as claimed in claim 4, wherein the light-guidance means are faceted.
8. (Original) A lighting system as claimed in claim 1, wherein the light-emitting diode has a luminous flux of at least 10 lm.
9. (Original) A display device provided with a lighting system as claimed in claim 1.
10. (Original) A display device as claimed in claim 9, which display device comprises a liquid crystal display.
11. (New) A display device provided with a lighting system provided with a light-emitting panel comprising a front wall, a rear wall situated opposite thereto, at least one light source comprising a light-emitting diode provided with a translucent lens-shaped cover, at least one light input structure for coupling light from the light source into the light-emitting panel, wherein, during operation, light originating from the light source is incident on the light input structure and distributes itself in the light-emitting panel, the light input structure is conically or frustoconically shaped towards the light source, and the thickness d_p of the light-emitting panel is smaller than the diameter d_c of the translucent lens-shaped cover of the light source, wherein the display device comprises a liquid crystal display.

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